Current Time: 7:22 AM

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "C" (1000 Area)

3/1/2014

Interval: 001h

	01_TempC_10m	02_TempC_30m	03_TempC_100m	07_VTGrad30	08_VTGrad100	09_DewPtC_10m	11_SoilTempC	12_RH	13_AbsHum gm3
Hour	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	DEGC	PERCENT	G/M3
00:00	5.8	6.9	7.4	1.1	1.4	-6.0	5.1	43.1	3.1
01:00	5.9	7.0	7.2	1.0	1.3	-5.4	5.0	44.5	3.2
02:00	7.3	7.3	6.9	.1	-.4	-2.7	5.0	49.6	3.9
03:00	6.9	6.7	6.5	-.2	-.4	-2.0	5.0	53.6	4.1
04:00	6.5	6.4	6.1	.0	-.4	-1.5	5.0	57.3	4.3
05:00	6.0	6.0	5.6	.1	-.4	-.8	5.0	62.6	4.5
06:00	5.7	5.8	5.5	.0	-.3	-.1	5.0	66.7	4.7
07:00	5.2	5.5	5.4	.3	.2	.2	5.0	70.8	4.8
08:00	5.9	5.7	5.7	-.2	-.2	.2	5.0	67.4	4.8
09:00	7.1	6.8	6.3	-.3	-.8	-.1	5.0	60.6	4.7
10:00	9.0	8.7	7.9	-.4	-1.1	-1.3	5.2	48.8	4.3
11:00	11.0	10.7	9.7	-.3	-1.3	-1.7	5.6	41.8	4.2
12:00	12.1	11.8	10.9	-.3	-1.2	-2.6	6.1	36.5	3.9
13:00	13.0	12.7	11.8	-.3	-1.2	-2.6	6.6	34.4	3.9
14:00	13.3	13.0	12.1	-.3	-1.2	-1.9	7.2	35.3	4.1
15:00	13.6	13.3	12.2	-.3	-1.4	-.3	7.6	38.9	4.6
16:00	13.7	13.4	12.5	-.2	-1.2	.8	8.0	42.0	4.9
17:00	13.4	13.2	12.4	-.2	-1.0	1.8	8.3	46.0	5.3
18:00	12.2	12.2	11.6	.0	-.6	2.6	8.4	52.4	5.6
19:00	10.9	11.2	11.1	.3	.2	3.1	8.2	59.3	5.9
20:00	10.7	10.8	10.7	.1	.0	2.8	8.0	58.9	5.7
21:00	10.5	10.6	10.4	.1	-.1	2.7	7.8	59.3	5.7
22:00	10.4	10.5	10.2	.1	-.2	2.8	7.7	60.0	5.7
23:00	10.3	10.4	10.2	.2	-.1	2.8	7.6	60.3	5.7
Avg	9.4	9.4	9.0	.0	-.4	-.4	6.4	52.1	4.7
Max	13.7	13.4	12.5	1.1	1.4	3.1	8.4	70.8	5.9
Hr. of Max	16	16	16	00	00	19	18	07	19
Min	5.2	5.5	5.4	-.4	-1.4	-6.0	5.0	34.4	3.1
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	14_Mix Ratio	15_Vapor Pr	16_Precip_mm	17_Precip_In	19_BP	22_Solar_Rad	23_WDir_10m	24_WDir_30m	25_WDir_100m
Hour	None	KPa	MM	INCHES	INHG	W/M2	DEG	DEG	DEG
00:00	0.002499	4.0	.0	.00	29.16	-2.5	61	83	193
01:00	0.002617	4.1	.0	.00	29.18	-2.6	241	256	218
02:00	0.003189	5.0	.0	.00	29.19	-2.2	229	232	215
03:00	0.003358	5.3	.0	.00	29.19	-2.7	215	207	180
04:00	0.003482	5.5	.0	.00	29.19	-2.9	213	195	186
05:00	0.00367	5.8	.0	.00	29.21	-2.1	92	135	152
06:00	0.003852	6.1	.0	.00	29.22	-2.5	26	77	140
07:00	0.003926	6.2	.0	.00	29.22	21.3	3	39	89
08:00	0.003933	6.2	.0	.00	29.24	132.2	84	76	67
09:00	0.003838	6.1	.0	.00	29.26	203.8	96	91	83
10:00	0.003522	5.6	.0	.00	29.26	460.0	123	141	151
11:00	0.003442	5.5	.0	.00	29.25	414.9	200	208	206
12:00	0.003228	5.1	.0	.00	29.24	408.5	218	221	216
13:00	0.003244	5.1	.0	.00	29.21	460.3	224	227	222
14:00	0.003404	5.4	.0	.00	29.19	369.7	225	226	218
15:00	0.003822	6.0	.0	.00	29.19	366.5	221	221	214
16:00	0.004143	6.5	.0	.00	29.19	220.7	237	238	229
17:00	0.004455	7.0	.0	.00	29.19	90.0	225	225	218
18:00	0.004691	7.4	.0	.00	29.19	9.8	222	215	207
19:00	0.004861	7.7	.0	.00	29.20	-2.1	255	258	244
20:00	0.004768	7.5	.0	.00	29.22	-2.2	237	253	252
21:00	0.004733	7.5	.0	.00	29.22	-2.2	227	241	244
22:00	0.004751	7.5	.0	.00	29.22	-2.9	233	254	245
23:00	0.004749	7.5	.0	.00	29.21	-2.0	229	245	258
Avg	0.003841	6.1	.0	.00	29.21	130.4	215	213	203
Max	0.004861	7.7	.0	.00	29.26	460.3	255	258	258
Hr. of Max	19	19	23	23	10	13	19	19	23
Min	0.002499	4.0	.0	.00	29.16	-2.9	3	39	67
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	29_Sigma_10m	30_Sigma_30m	31_Sigma_100m	35_WSpd_10m	36_WSpd_30m	37_WSpd_100m	44_PkWd_10m	45_PkWd_30m	46_PkWd_100m
Hour	DEG	DEG	DEG	MPH	MPH	MPH	MPH	MPH	MPH
00:00	13	12	6	1.0	2.4	6.2	3.7	11.0	20.2
01:00	14	9	8	3.3	4.8	10.4	14.0	18.8	23.4
02:00	17	13	9	4.6	6.6	12.1	18.8	25.6	29.1
03:00	21	20	13	3.5	4.5	8.5	10.3	25.0	32.7
04:00	16	20	9	1.2	2.0	5.6	4.1	6.2	13.7
05:00	18	9	5	.8	1.7	4.0	3.9	5.0	8.7
06:00	9	9	6	1.1	1.3	3.3	3.2	4.8	7.6
07:00	10	13	6	.9	1.6	1.5	2.1	3.4	4.8
08:00	17	16	10	1.6	1.9	2.3	3.9	4.6	4.8
09:00	18	19	16	2.0	2.0	1.9	4.8	4.4	5.5
10:00	23	23	35	3.8	3.7	3.7	11.2	13.1	12.8
11:00	23	18	15	5.9	7.3	9.3	15.1	17.4	20.8
12:00	19	16	11	7.7	9.5	12.1	26.3	27.7	32.1
13:00	23	19	13	7.3	9.1	11.2	15.8	17.2	21.8
14:00	17	13	10	7.6	9.9	12.4	16.9	21.1	27.9
15:00	19	16	11	7.0	8.6	11.1	15.6	17.2	22.2
16:00	18	15	9	6.2	7.8	10.6	15.8	21.1	22.4
17:00	17	15	8	5.8	7.6	11.4	13.1	16.3	16.9
18:00	16	12	6	2.9	4.9	8.9	9.2	12.6	16.5
19:00	9	8	4	2.9	5.1	11.1	7.1	10.5	18.8
20:00	12	11	7	2.4	4.3	9.3	7.1	10.3	25.6
21:00	9	8	6	1.9	4.0	8.6	4.1	8.2	15.1
22:00	10	8	3	1.9	3.6	8.0	6.4	9.2	18.3
23:00	9	7	5	1.9	3.2	7.3	4.4	6.4	16.0
Avg	16	14	10	3.6	4.9	8.0	9.9	13.2	18.2
Max	23	23	35	7.7	9.9	12.4	26.3	27.7	32.7
Hr. of Max	13	10	10	12	14	14	12	12	03
Min	9	7	3	.8	1.3	1.5	2.1	3.4	4.8
Count	24	24	24	24	24	24	24	24	24
Total									